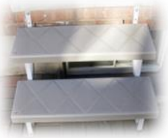
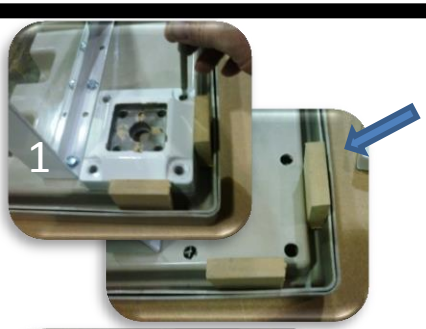
Mounting Handrail Posts

1E Printed 5 NOV 2012

ComposiGrip

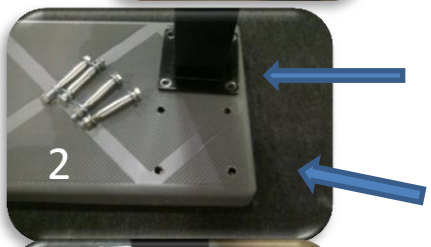
The Safest Step You'll Take





Step 1 – Illustration 1

Locate and square up post by laying the ComposiGrip step face down
Push 2 pieces of ½"plywood into the channel near the corner where you want to mount the post
Place the post base in the corner tight up against the wood
Center punch your hole locations. Holes must be drilled straight through for all parts to align. Drilling the step on a drill press is recommended
If you are not equipped to do this, Comoldco can supply predrilled steps by special order.



Step 2 – Illustration 2

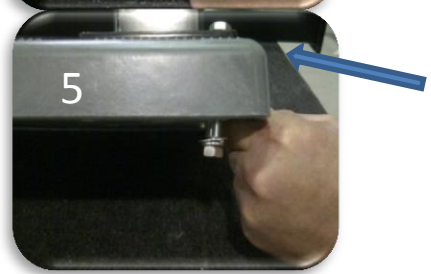
In some cases it may be necessary
to enlarge the existing holes in the lower base of the handrail posts.
(these holes should be drilled 21/64" to clear the 5/16"mounting hardware)
4 holes also need to be drilled through the step to align with the handrail posts holes (these holes need to be drilled 27/64" for a snug fit on the sleeves)

Step 3 – Illustration 3

Place one washer on a bolt & drop it through post and step holes

Step 4 – Illustration 4

Push sleeve up around bolt and into step hole



Step 5 – Illustration 5

Attach in this order: flat washer, lock washer, nut
Do the same for all 4 bolts then tighten evenly
If the posts are leaning, washers can be added between the post and step holes to level them

Required Tools

Measuring tape

Safety glasses

Drill

Adjustable wrench

WrencH

Drill 21/64

Materials Required

Railing System (not included)
Hardware for rail posts
(Available from Comoldco)

Handrail post mounting hardware (per post)

4 x 5/16" N/C bolts 2.5" to 3.5"long (depends on brand of post used)
4 x 5/16" N/C Nuts
8 x 5/16" flat washers
4 x 5/16" ID x 1.750" long Buttite spacers # 607-107
Recommend stainless , galvanized or coated for outdoor installation.
Kits are available through Comoldco

Comoldco Corporation
www.comoldco.com

Made in Canada